

# Grade 2

## Formative Assessment Review of Math Indicators for Number, Number Sense and Operations

Directions: Students use their mini marker boards to answer each of these questions. Students hold up their answer so that teachers can earmark intervention needs. This formative assessment contains one question from each of the 13 indicators of this standard. Use the mimio slide to review and explain the answer or have students demonstrate their understanding by explaining it to the rest of the class.

Which of the following  
would you prefer to have?

**A**

ten pennies

**B**

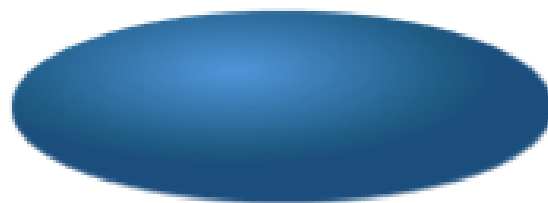
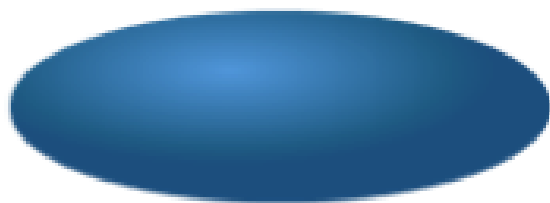
one dime

**C**

Either as  
they are the  
same.

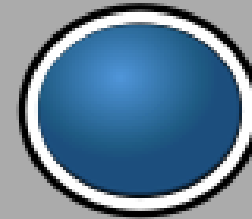
Expand the three digit number 325.

3 \_\_\_\_\_ and 25 \_\_\_\_\_.



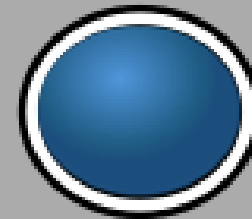
In the number 325,  
how many hundreds  
are there?

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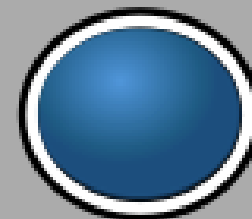


How many tens are  
there?

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How many ones are  
there?



Circle the even numbers  
in the box below.

16

91

25

132

70

Pull

Ohio Indicator 2

Mike has \$1.00. He buys a toy that costs \$0.56. How much change will he get back?

**A**

\$0.46

**B**

\$0.44

**C**

\$0.34

**D**

\$0.64

Show two ways to write  
this amount of money.



**A**

Use the cent sign.

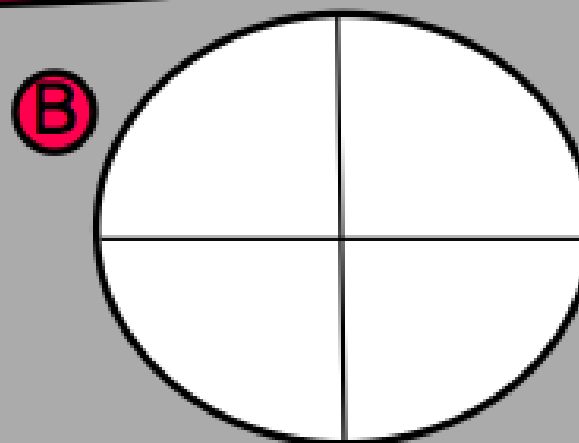
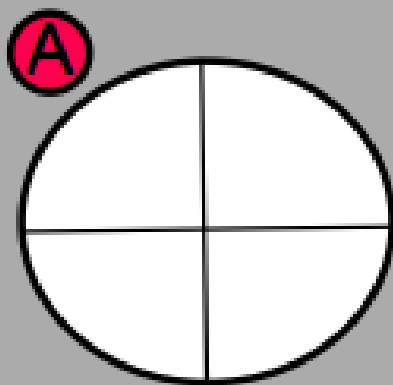


**B**

Use the dollar sign.



Color  $\frac{1}{2}$  of each pizza.  
Is  $\frac{1}{2}$  of Pizza A the same as  $\frac{1}{2}$  of Pizza B?



Explain: \_\_\_\_\_

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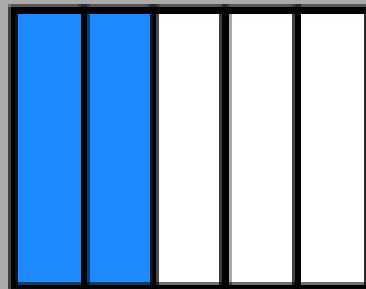
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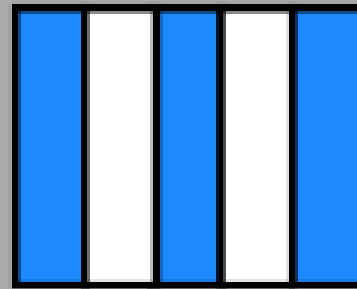


Place a circle around the  
picture that shows  $\frac{3}{5}$  blue.

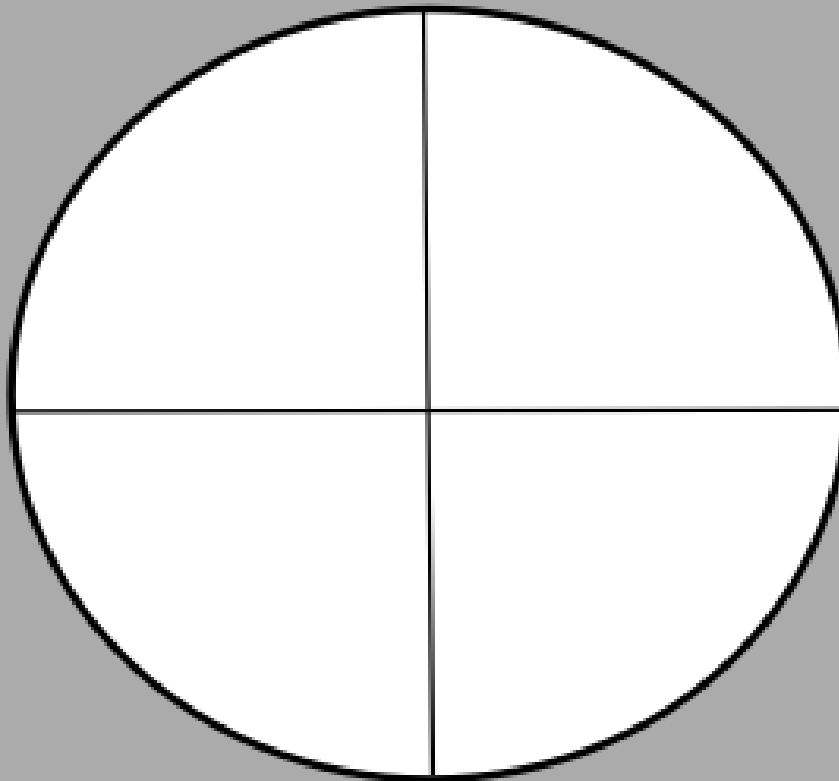
A



B



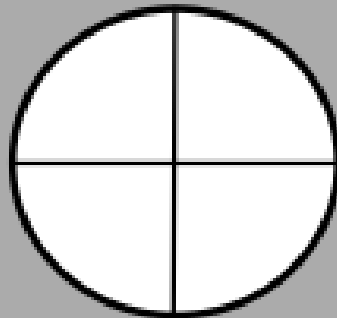
Color  $\frac{1}{4}$  of the circle below.



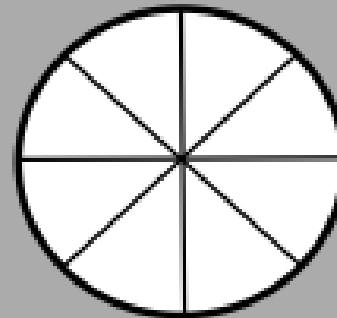
Ohio Indicator 5c

Compare the following pies. One is cut in four pieces and one is cut in 8 pieces. Josh eats  $\frac{1}{4}$  of Pie 1 and Barb eats  $\frac{2}{8}$  of Pie 2. Choose the correct answer below.

Pie 1



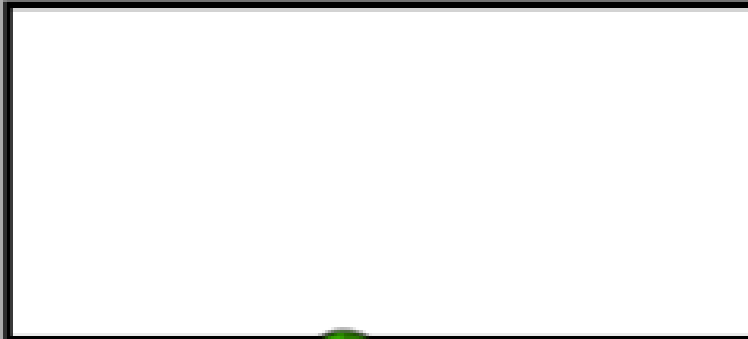
Pie 2



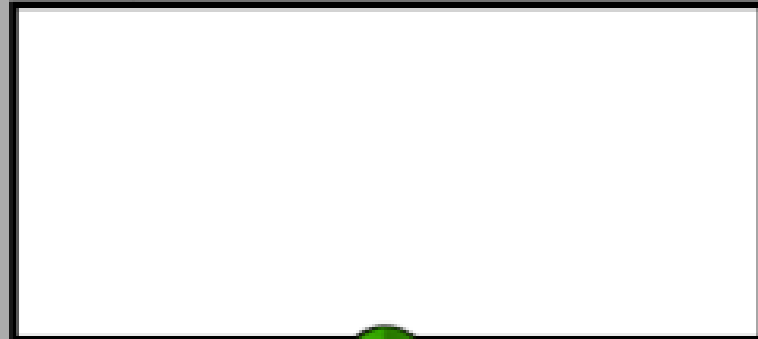
- ☐ A Barb eats the most.
- ☐ B Josh eats the most.
- ☐ C They eat the same.

Hank had ten pieces of bubble gum and he gave three pieces to Ken. How many pieces of gum does he still have? Write both a subtraction and an addition sentence to represent this fact.

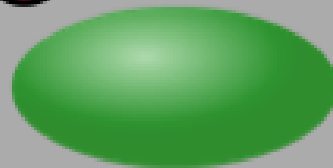
**A** Subtraction sentence



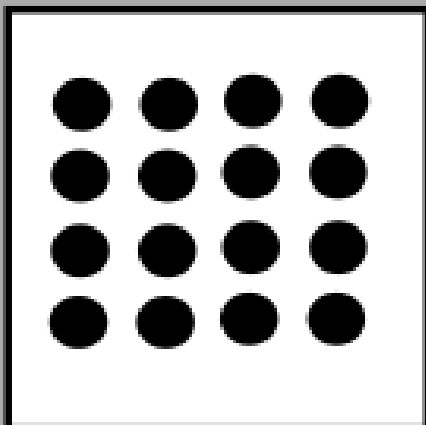
**B** Addition Sentence



**C** Answer



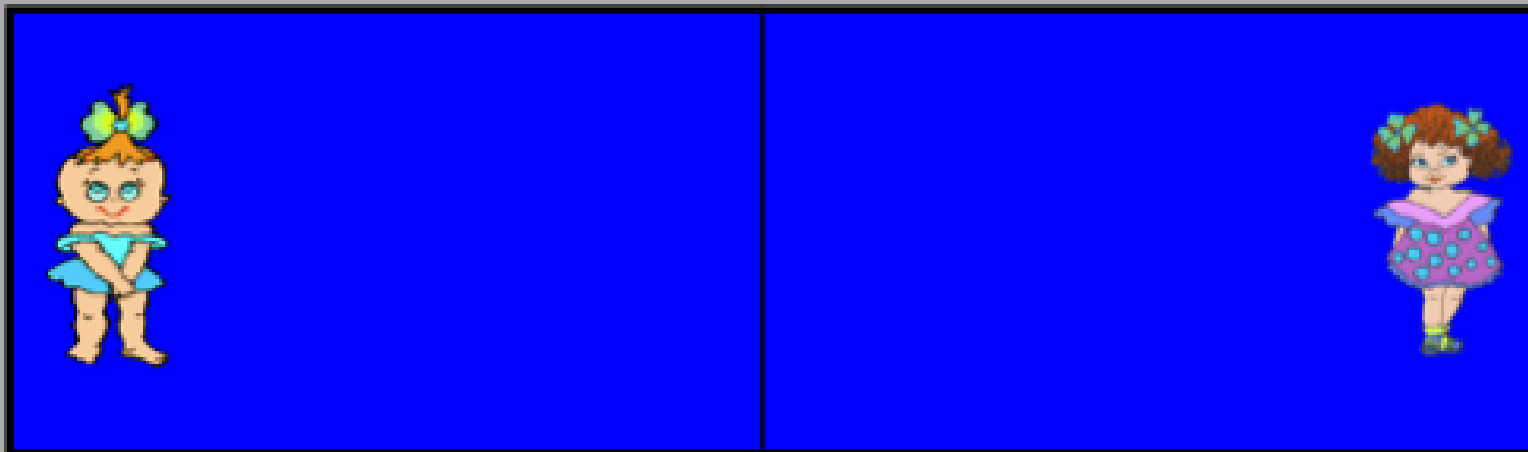
Show this model array with repeated addition and multiplication.



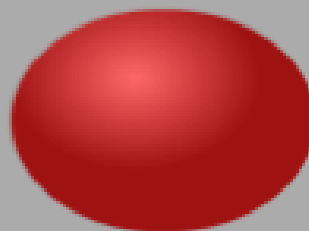
$$\begin{array}{ccccccc} & + & & + & & + & & = & \\ \_ & & \_ & & \_ & & \_ & & \_ \\ & \times & & & & & & = & \\ \_ & & \_ & & & & & & \_ \end{array}$$

Ohio Indicator 7

Kaycee has 8 happy face stickers.  
She wants to share these with 2  
friends. How many will each get?



Darrell has 12 white socks in his drawer.  
Draw the socks and circle pairs. How many  
pairs of socks does he have?



Using the commutative property,  
complete the following expression.

$$6 + 5 = \underline{\quad} + \underline{\quad}$$



Complete the fact family for 8, 6, and 14.

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

What is 10 more than 50?

- Ⓐ 40
- Ⓑ 60
- Ⓒ 50
- Ⓓ 45

What is 10 less than 90?

- Ⓐ 100
- Ⓑ 90
- Ⓒ 80
- Ⓓ 95

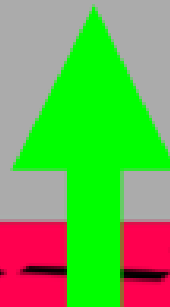
Use compatible numbers to  
estimate the following addition.

$$23 + 18$$

Use compensatory numbers to  
adjust the previous problem.

$$23 + 18$$

$$23 + 20 = 43$$



Use the commutative property to  
add the following numbers.

$$4 + 246 = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

Use the associative property to regroup  
and add the following number sentence.

$$(7 + 25) + 5 =$$

Use front end estimation to add the following numbers.

$$235 + 92 =$$

Exact answer

Is this estimate reasonable?